

**Amendments to the Specification:**

Please amend the specification as follows:

On page 9, please replace the paragraph that starts on line 9 with the word "Some" and ends on line 22 with the word "al.)" with the following amended paragraph:

Some measurement techniques do not require removal of an aliquot to determine the concentration of model compound in the recipient solution. For example, if the model compound is a dye, measurement data may be collected and analyzed essentially simultaneously, or it may be collected in real time, for example, using optical techniques such as an optical scanner or camera (e.g., a CCD camera) and recorded as an image that can be analyzed later by computational or spectrophotometric methods (e.g., reflectance spectrophotometry). Accordingly, such techniques may be used to simultaneously measure dye diffusion in a plurality of diffusion cells, for example, by using a measurement apparatus of the type described in ~~commonly assigned U.S. Publ. Pat. Appln. No. US 2005/0063862 A1-Patent application entitled "APPARATUS AND METHOD FOR MEASURING MEMBRANE DIFFUSION", bearing Attorney Case No. 58917US002, filed concurrently herewith,~~ the disclosure of which is incorporated herein by reference. Other exemplary useful measurement apparatus may be found in for, example, U.S. Patent Application Publication No. 2002/0025509 (Cima et al.).